

WHAT IS CLAIMED IS:

- 1 1. A braided tubular structure comprising a plurality of component
2 tubular members each having longitudinal lumens, woven radially in and out to form said
3 substantially tubular braided structure.
- 1 2. The braided tubular structure of claim 37 wherein the component
2 tubular members are comprised of polymeric tubing.
- 1 3. The braided tubular structure of claim 37 wherein the component
2 tubular members are comprised of metallic tubing.
- 1 4. The braided tubular structure of claim 39 where the metallic tubing
2 comprises a superelastic alloy.
- 1 5. The braided tubular structure of claim 40 wherein the superelastic alloy
2 comprises nickel and titanium.
- 1 6. The braided tubular structure of claim 37 further comprising at least
2 one polymeric tubular member exterior to said substantially tubular braided structure.
- 1 7. The braided tubular structure of claim 42 wherein said braided tubular
2 structure is of a size and shape suitable for introduction into a human blood vessel.
- 1 8. The braided tubular structure of claim 37 where said plurality of
2 component tubular members longitudinal lumens are fluidly connected to a plenum at least
3 one of the distal and proximal ends.